Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010720\
Data File : VU036395.D
Acq On : 07 Jan 2020 16:02
Operator : JC/MD
Sample : L1042-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Jan 08 03:58:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 08 03:56:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	580388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	567338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	223540	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	192253	42.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.02%			
7) Chloroethane-d5	1.93	69	173601	45.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.02%			
11) 1,1-Dichloroethene-d2	2.59	63	291352	37.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.64%			
21) 2-Butanone-d5	4.68	46	312279	92.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.73%			
24) Chloroform-d	5.11	84	394990	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
26) 1,2-Dichloroethane-d4	5.75	65	272298	52.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.06%			
32) Benzene-d6	5.77	84	794308	50.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.58%			
36) 1,2-Dichloropropane-d6	6.73	67	261563	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.76%			
41) Toluene-d8	7.93	98	754869	49.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.58%			
43) trans-1,3-Dichloropropene-	8.21	79	141210	49.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.26%			
47) 2-Hexanone-d5	8.67	63	246128	90.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.09%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	377441	46.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.96%			
64) 1,2-Dichlorobenzene-d4	12.22	152	224148	47.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	3088	0.906	ug/L #	30
12) 1,1-Dichloroethene	2.60	96	4509	1.343	ug/L #	1
13) Acetone	2.66	43	7409	2.121	ug/L	95
19) 1,1-Dichloroethane	3.92	63	21703	2.986	ug/L	93
25) Chloroform	5.13	83	11676	1.508	ug/L	93
34) Trichloroethene	6.58	95	5938	1.382	ug/L	85
44) trans-1,3-Dichloropropene	8.21	75	7084	1.007	ug/L	86
46) Tetrachloroethene	8.58	164	3280	1.061	ug/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Title : VOC Analysis
QLast Update : Wed Jan 08 03:56:17 2020
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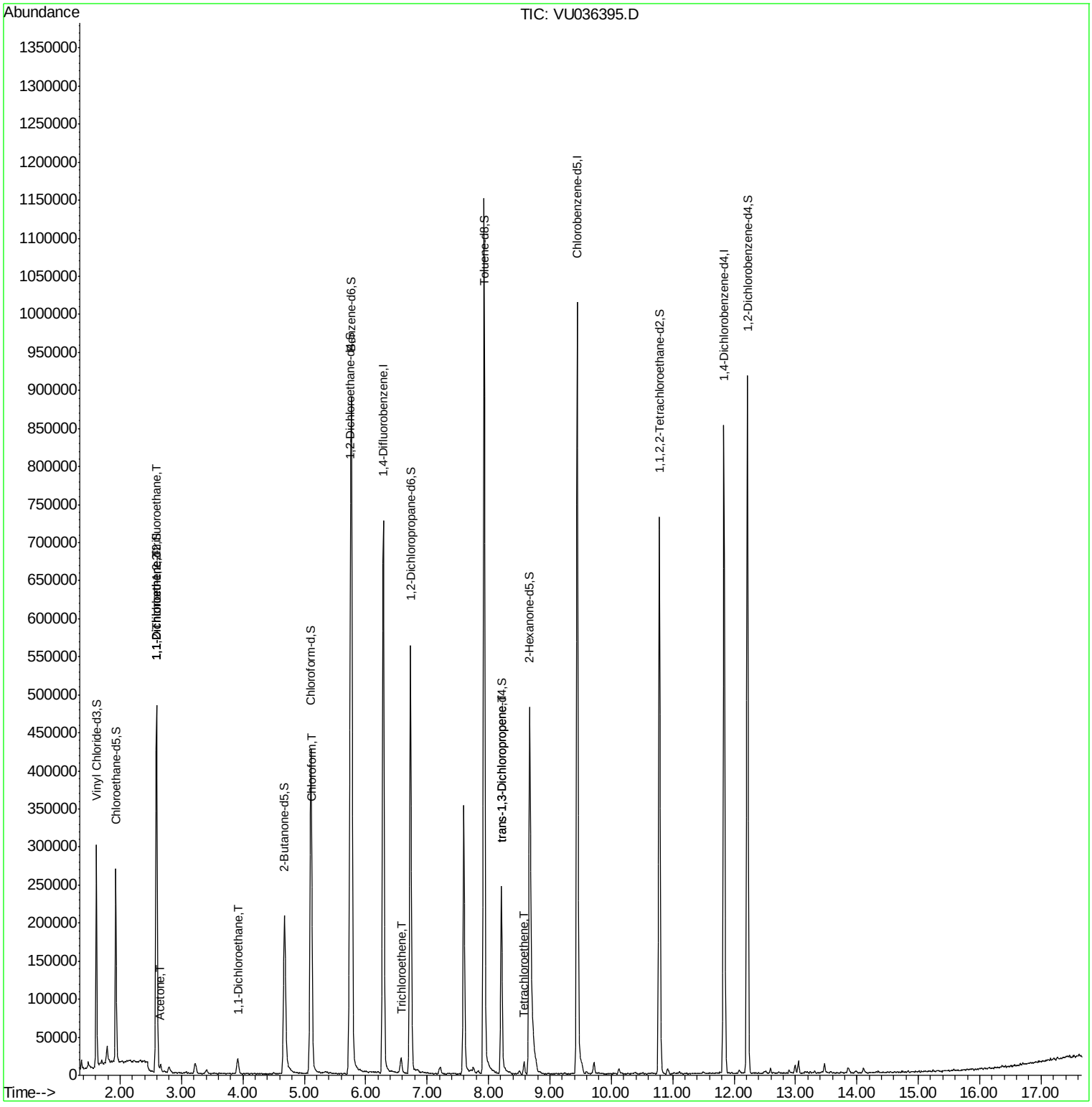
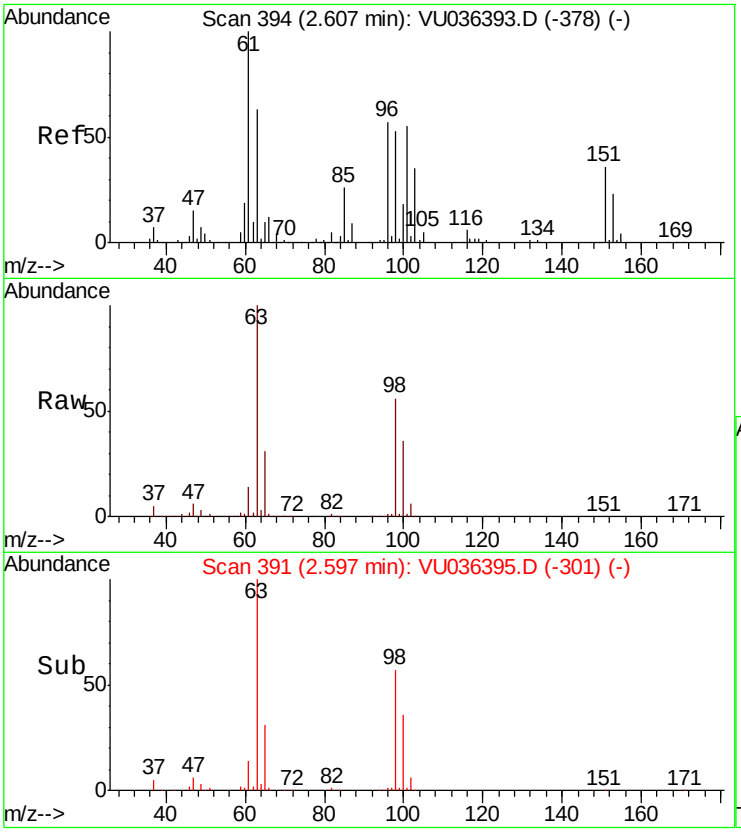


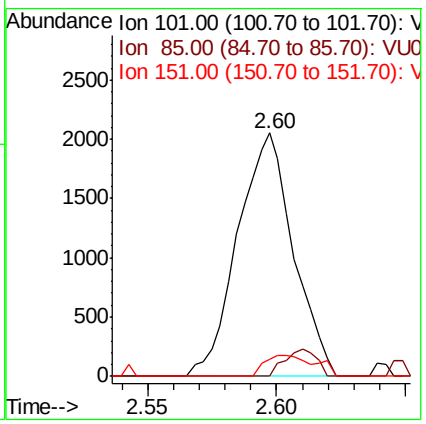


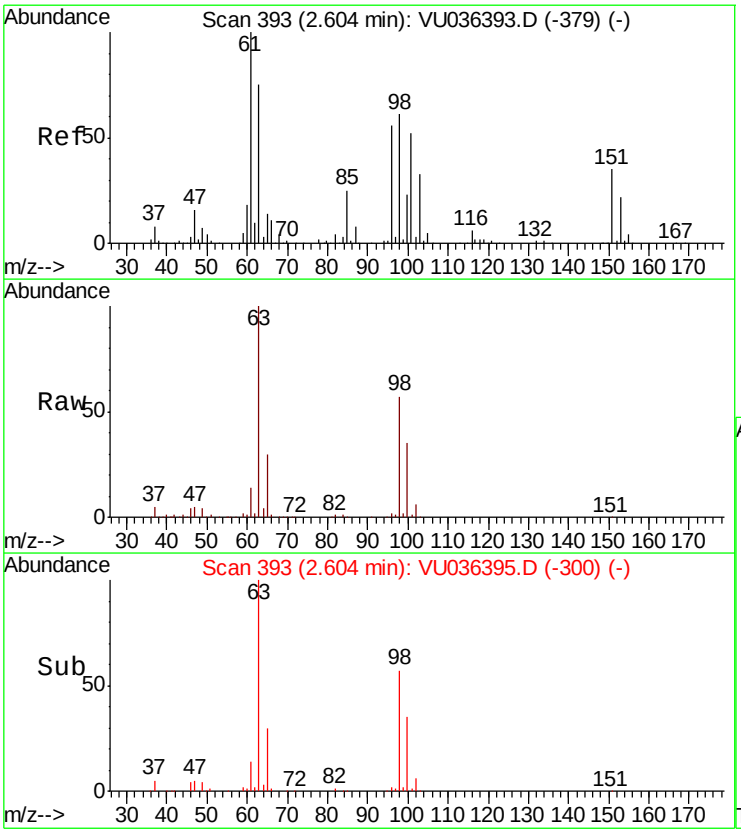
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.906 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 3088

Ion	Ratio	Lower	Upper
101	100		
85	6.3	37.1	55.7#
151	6.2	54.3	81.5#

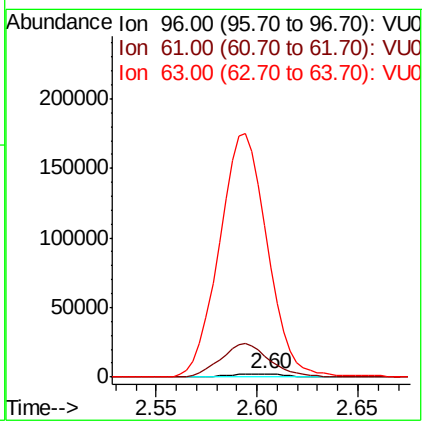


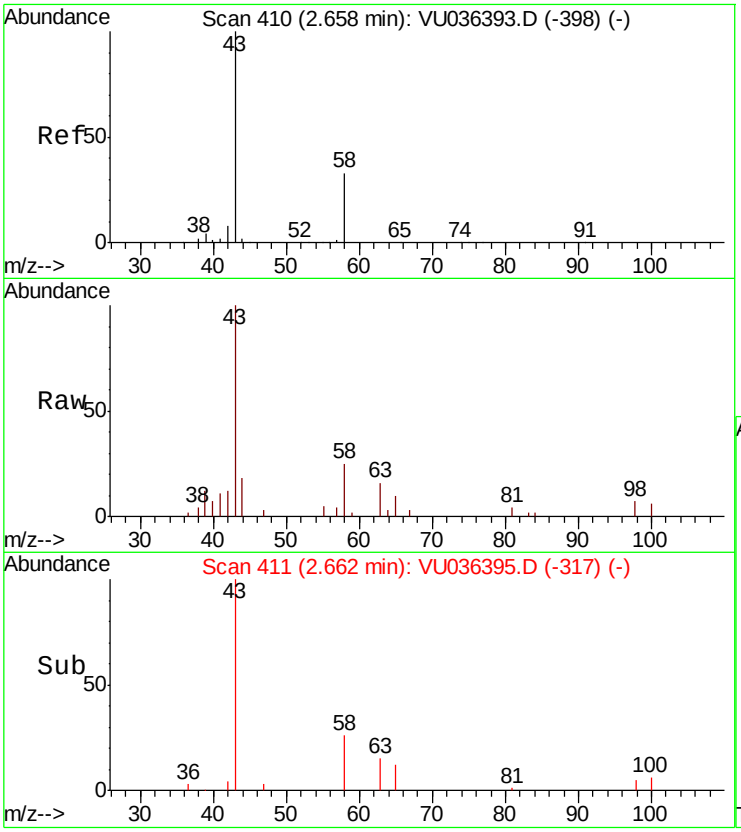


#12
1,1-Dichloroethene
Concen: 1.343 ug/L
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Tgt Ion: 96 Resp: 4509

Ion	Ratio	Lower	Upper
96	100		
61	685.9	120.9	224.5#
63	4829.9	81.8	152.0#



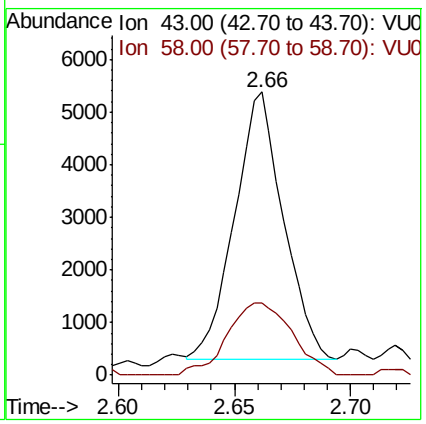


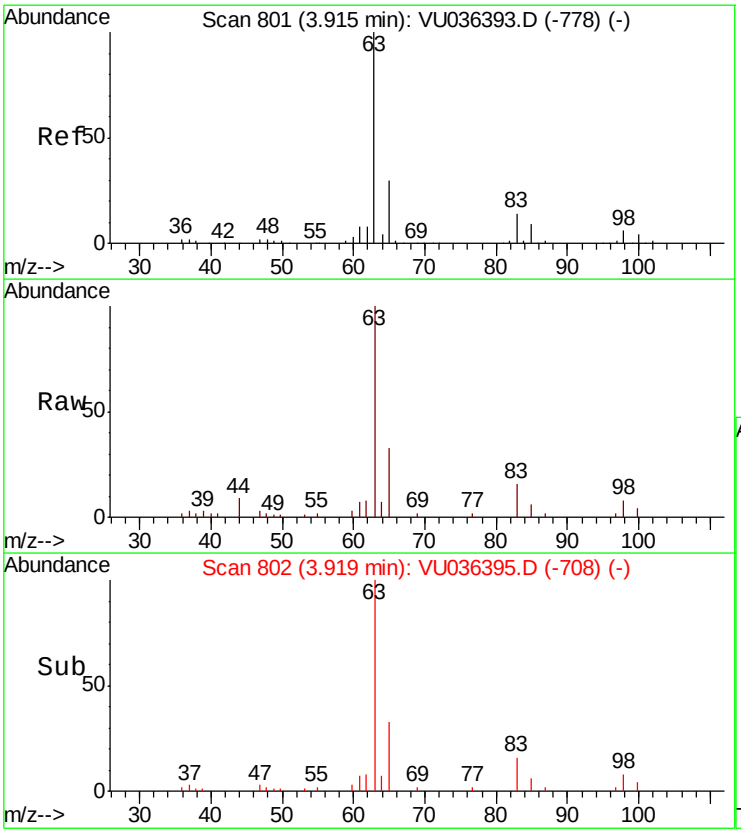
#13
Acetone
Concen: 2.121 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 7409

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	66.2

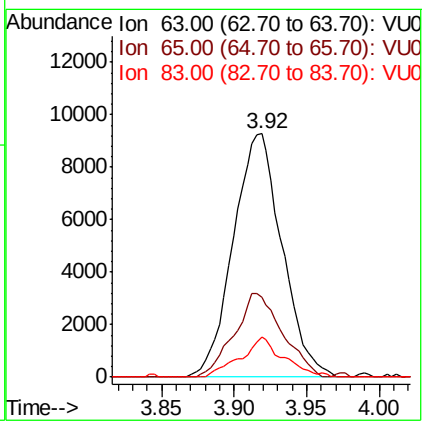


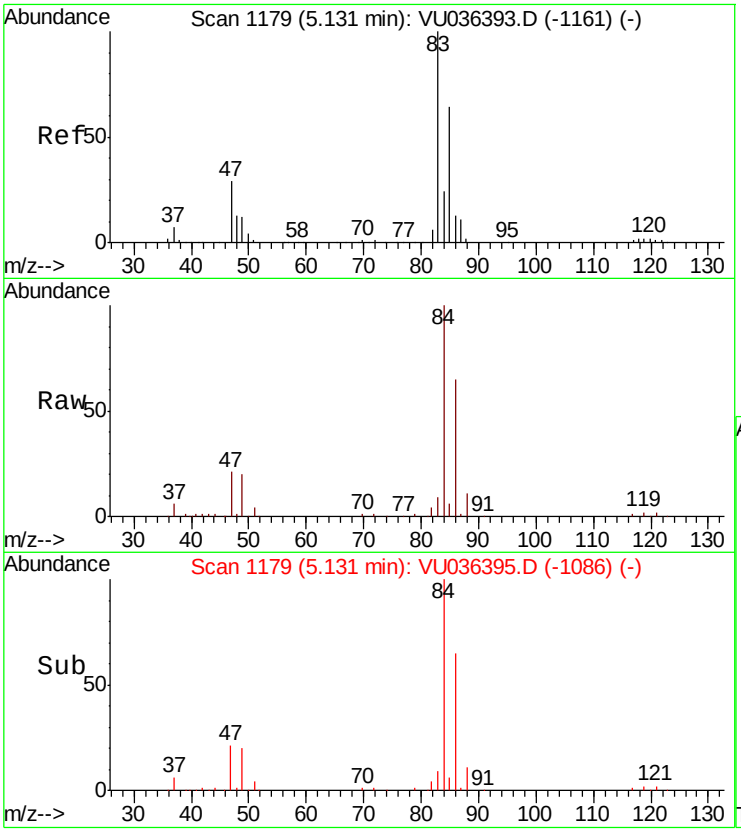


#19
1,1-Dichloroethane
Concen: 2.986 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Tgt Ion: 63 Resp: 21703

Ion	Ratio	Lower	Upper
63	100		
65	32.5	20.0	37.2
83	16.4	9.6	17.8



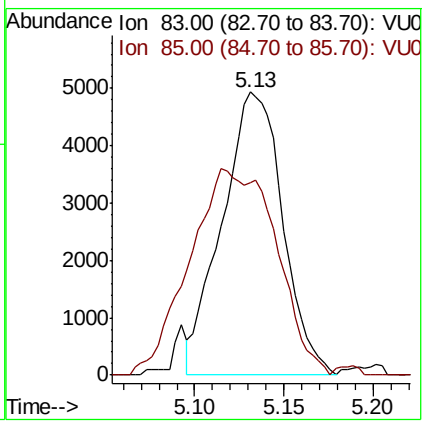


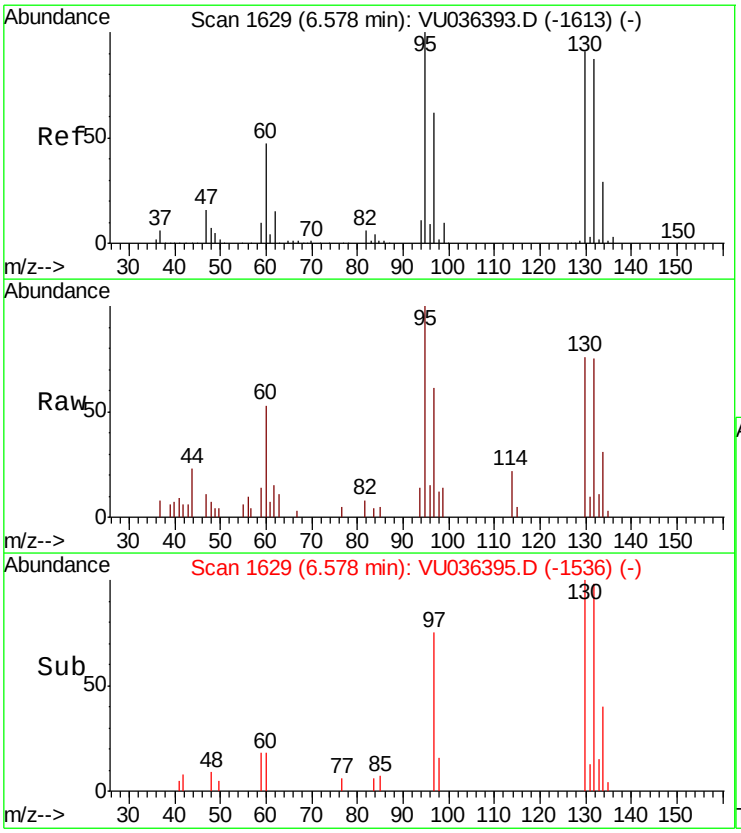
#25
Chloroform
Concen: 1.508 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 11676

Ion	Ratio	Lower	Upper
83	100		
85	68.0	43.9	81.5

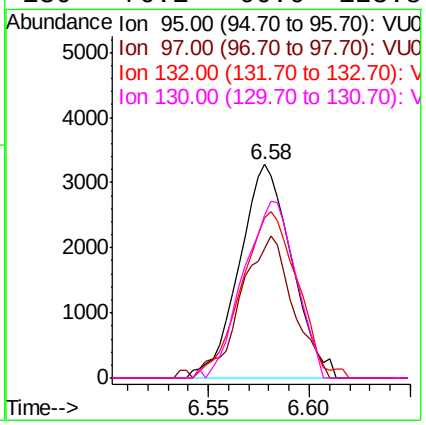


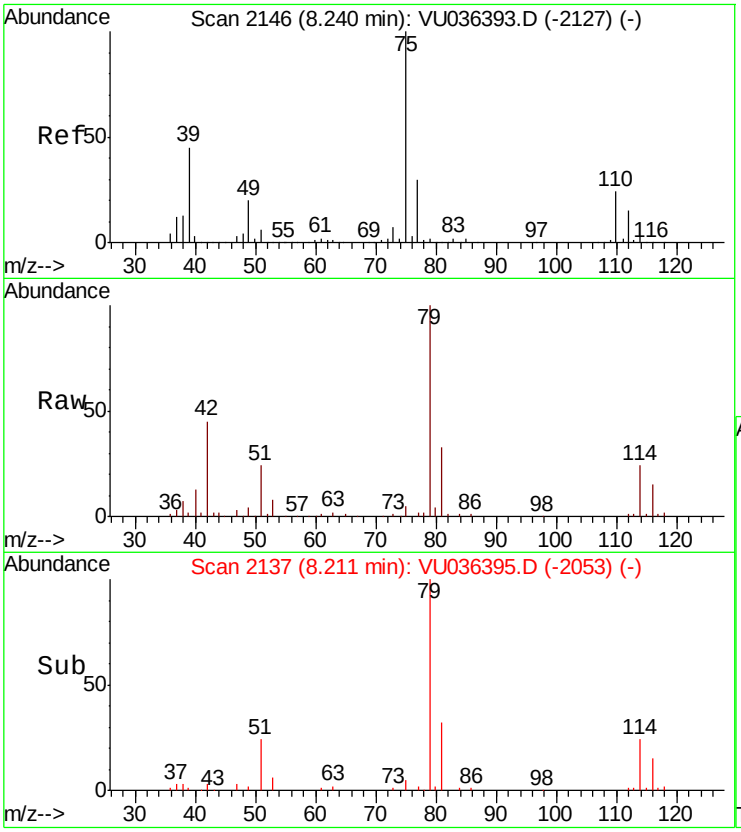


#34
Trichloroethene
Concen: 1.382 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Tgt Ion: 95 Resp: 5938

Ion	Ratio	Lower	Upper
95	100		
97	60.6	44.5	82.7
132	74.9	64.5	119.9
130	76.1	66.6	123.8



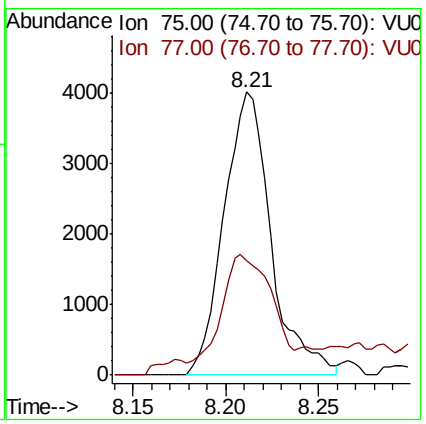


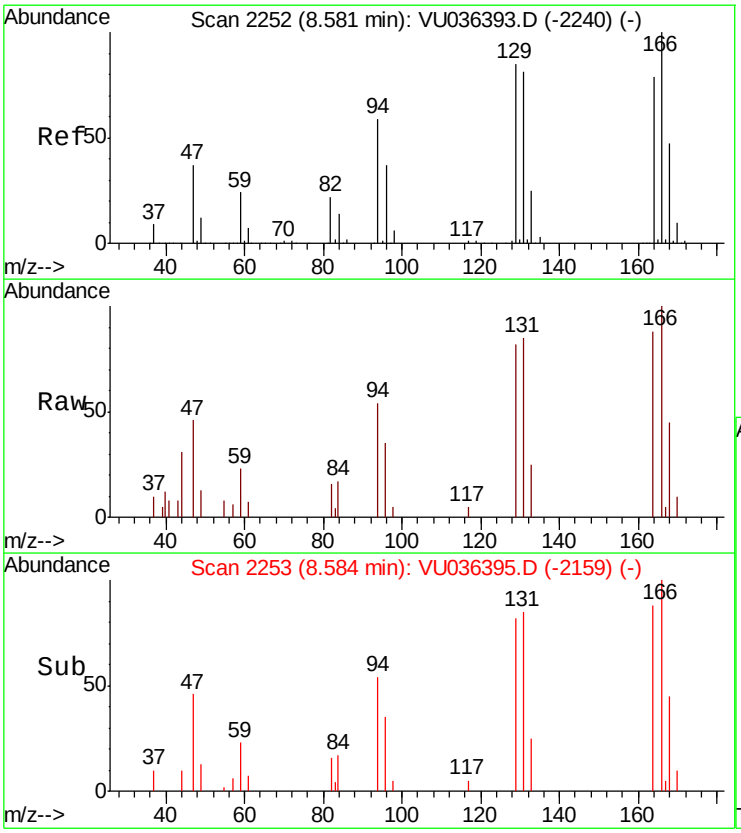
#44
trans-1,3-Dichloropropene
Concen: 1.007 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 7084

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.5	41.9





#46
Tetrachloroethene
Concen: 1.061 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036395.D
Acq: 07 Jan 2020 16:02

Tgt Ion:164 Resp: 3280

Ion	Ratio	Lower	Upper
164	100		
129	93.9	70.0	130.0
131	97.3	70.1	130.1
166	114.2	87.2	161.9